

50X1-HUM

SECRETS-E-C-R-E-T

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line runs evenly, while zigzags indicate the location of flaws. [A photograph in Ogonek shows the microscope to consist of two units. One, about 12 inches high, with two tubes leading from it, is apparently the defectoscope proper. The other, larger unit, standing about 16 inches high, houses the screen in its upper portion. A pair of hands in the photograph are apparently holding the ends of the "mouth" and "ear" tubes to the top of a metal part.]

Engineers N. N. Baryshnikov and V. S. Kultygin have been active in pushing the industrial application of the new microscope. Several plants now employ it to check every billet going to be machined.(3) The Leningrad Russkiy Dizel' Plant is making extensive use of the instrument.(2) The new microscope should play an important role in checking parts for such important items as turbines and generators now going to the sites of the great construction projects.(3)

SOURCES

1. Moscow, Pravda, 19 Mar 51
2. Stalinabad, Kommunist Tadzhikistana, 25 Mar 51
3. Moscow, Ogonek, 17 Dec 50
4. Alma-Ata, Kazakhstanskaya Pravda, 22 Mar 51
5. Moscow, Komsomol'skaya Pravda, 27 Mar 51
6. Moscow, Molodoy Bol'shevik, May 51

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- 2 -

S-E-C-R-E-T**SECRET**